

Title (en)  
ELECTRICALLY CONDUCTIVE SHEET MATERIAL

Title (de)  
ELEKTRISCH LEITFÄHIGES FLÄCHENGEBILDE

Title (fr)  
STRUCTURE PLANE ÉLECTROCONDUCTRICE

Publication  
**EP 2875544 B1 20171108 (DE)**

Application  
**EP 13745577 A 20130715**

Priority  
• EP 12005313 A 20120720  
• EP 2013002092 W 20130715  
• EP 13745577 A 20130715

Abstract (en)  
[origin: WO2014012649A1] The invention relates to an electrically conductive sheet material (1, 1', 1'') which comprises a base body (2) containing fibers (9), at least part of the fibers (9) having carbon fibers. The aim of the invention is to devise an electrically conductive and flexible sheet material which has a low electrical resistance and which can be produced on a large scale in the most simple, cost-effective and reproducible manner possible. For this purpose, channels (3) extend through the base body (2).

IPC 8 full level  
**D04H 1/4242** (2012.01); **D04H 1/46** (2012.01); **D04H 1/492** (2012.01); **H01B 1/04** (2006.01); **H01M 8/0234** (2016.01); **H01M 8/0245** (2016.01); **H01M 8/0247** (2016.01); **H01M 8/18** (2006.01)

CPC (source: CN EP KR US)  
**D04H 1/4242** (2013.01 - CN EP KR US); **D04H 1/46** (2013.01 - CN EP KR US); **D04H 1/492** (2013.01 - CN EP KR US); **H01B 1/04** (2013.01 - CN EP KR US); **H01B 5/00** (2013.01 - KR US); **H01M 8/0234** (2013.01 - CN EP KR US); **H01M 8/0245** (2013.01 - CN EP KR US); **H01M 8/0247** (2013.01 - CN EP KR US); **H01M 8/026** (2013.01 - US); **H01M 8/188** (2013.01 - CN EP KR US); **H01M 50/44** (2021.01 - KR); **Y02E 60/10** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP US)

Citation (examination)  
WO 2013126083 A1 20130829 - ZINC AIR INC [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2014012649 A1 20140123**; CN 104471774 A 20150325; CN 104471774 B 20171020; EP 2875544 A1 20150527; EP 2875544 B1 20171108; JP 2015532761 A 20151112; JP 6177324 B2 20170809; KR 101759259 B1 20170718; KR 20150038144 A 20150408; US 10044050 B2 20180807; US 2015200405 A1 20150716

DOCDB simple family (application)  
**EP 2013002092 W 20130715**; CN 201380038502 A 20130715; EP 13745577 A 20130715; JP 2015521992 A 20130715; KR 20157004278 A 20130715; US 201314415754 A 20130715